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No. 31]

NEW DELHI, SATURDAY, AUGUST 3, 1968 (SRAVANA 12, 1890)

इस भाग में चिन्म पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices Issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 3rd August 1968

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 2nd December 1967, page 512, Column 1, under the heading "Patents Sealed" for the number 101493 read 101483.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th July 1968

- 116768. Harishchandra Nilkanth Kolte. Locking arrangement of Scotter spare wheel.
- 116769. Atluri Venkateswa Rao. A device for counting lightning discharges.
- 116770. Narayan Mahadeo Purandaro. Conductivity of Cells with adjustable cell constant.
- 116771. Tsentralny Nauchno-Issledovatel'skiy I Proektiro-Konstruktorskiy Kholoditurbinniy Institut Imeni I. I. Polzunova. Feeder for moist loose materials.
- 116772. Sushil Chandra Srivastava. A positive displacement pump. [Addition to No. 108294].
- 116773. Khira Industries Private Limited. Pressure Cookers.
- 116774. Eric Lawton Sumner. Means for connecting rods.
- 116775. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Anti-oxidant mixture and its use.
- 116776. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Apparatus for coiling wires, filaments and the like.
- 116777. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Improvements in or relating to an internal combustion engine piston.

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- 116778. The Metal Box Company Limited. Improvements in or relating to cartons. (29th September 1967).
- 116779. Vickers Limited. Improvements in or relating to hydrostatic bearings. (21st July 1967).
- 116780. Lepetit S.P.A. New steroid oxazolines and process for their preparation. [Divisional Date 21st April 1966].
- 116781. Barber-Green Company. Method and apparatus for towing and suspending a compactor from a paver.
- 116782. Sperry Rand Corporation. Improvements in valve assemblies. (16th April 1968).
- 116783. Sperry Rand Corporation. Improvements in electrical connectors. (16th April 1968).
- 116784. American Home Products Corporation. Penicillanic acids.
- 116785. Ginjuro Katsumura. Container train for transportation by water.
- 116786. The Firestone Tire & Rubber Company. Method and apparatus for producing vehicle rims.
- 116787. Argus Chemical Corporation. Improving resistance of block copolymers having a nonelastic block and an elastic block to degradation in physical properties.
- 116788. The Dunlop Company Limited. Method of obtaining shaped masses of porous material.
- 116789. The Dunlop Company Limited. Improvements in or relating to the treatment of textiles. (21st July 1967).
- 116790. Solvay Et Cie. Improved process for the catalytic removal of hydrogen from chlorine.
- 116791. Imperial Chemical Industries Limited. New disazo dyestuffs. (26th July 1967).

16th July 1968

- 116792. Westinghouse Electric Corporation. Circuit interrupter of the dual bore type.

- 116793 Westinghouse Electric Corporation. High voltage circuit interrupter.
- 116794 Esso Research and Engineering Company. Stable oil-dithiocarbamate dispersions, methods for their preparation, and methods for their use in increasing banana yield.
116795. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 3-methyl pentenes from ethene, copolymers containing acrylonitrile.
116796. Sentralinstitut for Industriel Forskning. Process for the production of 3-methyl pentenes from ethene. (8th August 1967).
116797. Bakelite Xylonite Limited. Fire retardant compositions and products containing them. (20th July, 1967).
- 116798 Director, Indian Institute of Technology, (2) Sarajit Basu. The recovery of caustic soda solution from soda black liquor by direct causticization and its suitability in rice straw pulping.
- 116799 Director, Indian Institute of Technology, (2) Sarajit Basu. The recovery of caustic soda solution from alkaline black liquor by the electrophoretic sedimentation technique.
- 116800 I. L. Mehta. Improvements and additions to reading-cum-writing bench or board.
116801. Ciba Limited. Pesticidal preparations.
- 116802 Ciba Limited. Process for the manufacture of active peptide esters.
116803. Dr. A. Wander S. A. 10-Aminoalkylated 5H-dibenzo [a, d] cycloheptene derivatives.
116804. Tatsuo Fukuoku. Improvement of Sandal.
- 116805 F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.
116806. Merck & Co., Inc. Anti-inflammatory aralkylthioamino acids.
116807. Merck & Co., Inc. Process and composition for cleaning teeth.
116808. Cardwell Westinghouse Company. Hand brake for railroad cars.
116809. Vickers Limited. Improvements in or relating to hydrodynamic bearings. (21st July 1967).
116810. P. S. Mehta. Method of Elimination of process of separate formation of faure type pasted plates used in manufacture of electric storage cells and batteries.
116811. V. Venugopalan. Improvements in or relating to anti-theft device for motor cars, automobiles or the like vehicles.
- 17th July 1968
116812. Frank Ralph Marx. Improvements in or relating to apparatus for drying or filtering fluids. (29th July 1967).
116813. S. K. Dass. Scotchlite tape and "Radium—Scotch-lite tape
- 116814 Unilever Limited. Pressure-resistant plastics bottle.
116815. S. J. Poonawalla. Process for the production of a diazo type material, with a high keeping quality and soft gradation, for photographic purposes.
116816. Tokyo Shibaura Electric Company Limited. Basing cement for lamps.
116817. Kuorr-Hremse G.M.b.H. Pneumatic brake for rail cars (rolling stock) depending on the load.
116818. Ortho Pharmaceutical Corporation. Aryl substituted-cyclo-hexenecarboxylic acids. [Addition to No. 110584].
- 116819 Mcneil Laboratories, Incorporated. Aryl-substituted pyrroles.
116820. Universal Oil Products Company. Process for hydrogenating hydrocarbones.
116821. Universal Oil Products Company. Hydrodesulfurization process and catalyst.
116822. The Dunlop Company Limited Improvements in and relating to bonding. (22nd July 1967).
116823. Uniroyal, Inc. Latex bonded paper and process for making same.
116824. Joseph Lucal (Industries) Limited. Battery charging systems for use in road vehicles. (21st July 1967). [Addition to No. 108419].
116825. A. Szegvary. Method and apparatus for grinding and dispersing solid particles contained in a liquid. (17th July 1967).
116826. Braithwaite & Co. Engineers Limited. Tanks for containing fluent materials.
116827. Atwood Corporation. Aluminum-zinc-magnesium alloy.
116828. Imperial Chemical Industries Limited. Production of pyrimidine derivatives and fungicidal compositions containing the same. [Divisional date 31st March 1967].
116829. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.
116830. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of polymers with a fibrous structure.
116831. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Thermoplastic moulding compositions.
116832. Koninklijke Nederlandsche Gist. En Spiritusfabrick N. V. Process for the preparation of 7-aminocephalosporanic acid and its derivatives.
116833. Allen & Hanburys Limited. Novel heterocyclic compounds. (18th July 1967) [Addition to No. 95569].
116834. Universal Railway Devices Co. Hand brake for railroad cars.
116835. Stauffer Chemical Company. Process for producing ethylene dichloride.
116836. Ciba Limited. A process for the manufacture of new tetra-hydroquinolines.
116837. Ciba Limited. Manufacture of new rifamycin derivatives.
116838. Ciba Limited. A process for the manufacture of new benzocycloheptenes.
116839. Ciba Limited. A process for the preparation of new tetrahydroquinolines.
116840. Ciba Limited. A process for the manufacture of new benzocycloheptenes.
- The 18th July 1968
116841. Council of Scientific and Industrial Research. A process for the synthesis of a plasticizer for polyvinylchloride resins.
116842. Indian Paint Research Association. A process of producing composite titanium pigment.
116843. So Kanapati. Improvements in or relating to refrigerator and entire building air conditioning.
116844. So. Kanapati. Improvements in or relating to water and heat resisting spirit varnish.
116845. Hindusthan Lever Limited. Anti-bacterial detergent bar. (20th July 1967).
116846. Ruti Machinery Works Ltd. Arrangement for the optical monitoring of weft threads.
116847. Ckd Praha, Oborovy podnik. A welder having a static supply circuit.
116848. Novosibirsky Zavod "Tyazastankogidropress". Mechanism for catching counterweight of vertically travelling unit in metal working machines.

- 116849 Arbeitsstelle Fur Molekularelektronik. Equipment for simultaneous microscopic observation of two objects having in the direction of the optical axis a distance exceeding the depth of focus range of the objective
- 116850 J R Geigy A G, Novel diarylethylamines and process
- 116851 J R Geigy A G, Novel diarylacetamides and process.
- 116852 Shell Internationale Research Maatschappij N. V. Process and apparatus for making agglomerates from suspensions (20th July 1967).
- 116853 UCB (Union Chimique Chimische Bedrijven) S A Process for the production of adipic acid
- 116854 Plasters Limited Building panels and methods, (19th July 1967)
- 116855 Ateliers De La Motobecane Improvements relating to frames of autocycles
- 116856 The English Electric Company Limited Improvements in overcurrent relays (3rd August 1967)
- 116857 American Flange & Manufacturing Co Inc, Plastic closure flange assembly
- 116858 Merck & Co, Inc Antibiotic and process of producing
- 116859 Ciba Limited Manufacture of a new hormone
- 116860 Sandoz Limited Pharmaceutical compositions containing derivatives of d lysergic acid [Divisional date 11th August 1966]
- 116861 Ciba Limited Manufacture of new furanosides
- 116862 Trentesaux Toulemonde S A Process for brightening organic materials and temporary support therefor
- 116863 Filatures Prouvost Masviel & Cie Process for dyeing synthetic materials.
- 116864 Ciba Limited New N, N' diglycidyl compounds, process for their manufacture and their use

The 19th July 1968

- 116865 Karamchand Premchand Private Limited Process for the preparation of furfuraldehyde derivatives
- 116866 Karamchand Premchand Private Limited A process for the preparation of phthalazine derivatives.
- 116867, Karamchand Premchand Private Limited A process for the preparation of phthalazine derivatives
- 116868 C I S Rao Milling of heterogeneous substances like cane and like substances.
- 116869 G C Jain, Improvements in or relating to one-piece footbed insole for moulded foot-wear
- 116870 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning New dyestuffs of the triphenylrosaniline series and process for their preparation
116871. Siemens Aktiengesellschaft. Apparatus for insulating thin electric conductors [Addition to No 95321]
- 116872 Pav Prazisions-Apparatebau Aktiengesellschaft. Folding rule
- 116873 Arbeitsstelle Fur Molekularelektronik. Copying apparatus preferably for copying on semiconductor disks.
- 116874 K P Varma, Kamla Devi, S. K. Varma, J. K. Varma and R. N. Shrivastava Improvements in or relating to crop icapers or harvesters
- 116875 Ciba Limited New fibre-reactive dyestuffs.
- 116876 Ciba Limited Phosphorus containing reaction products processes for their production and their application.
116877. F. Hoffmann-La Roche & Co, Aktiengesellschaft. Heterocyclic compounds and process for the manufacture thereof

116878. Borg-Warner Corporation Halogenated norbornene-methanon aphthalene derivatives and their applications in plastics,
116879. Dorr-Oliver Incorporated Cargo handling
- 116880 W. H Miner Inc, Cushioning Assembly
- 116881 Abbott Laboratories Method of making bailed container.
116882. Abbott Laboratories Tablet preparations
- 116883 Farbenfabriken Bayer Aktiengesellschaft A process and apparatus for indicating and eliminating short circuits in the cells of electrolysis plants
- 116884 Farbenfabriken Bayer Aktiengesellschaft N aryl ureas

Alteration of Date

- 107501 The claim to priority date 18th October 1965 has been abandoned and the application dated as of 14th October 1966, the date of filing in India
- 109387 The claim to priority date 16th November 1966 has been disallowed and the application dated as of 20th February 1967, the date of filing in India
- 115786 Ante dated to 30th November 1966 under Section 5 of the Act

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No 6 of the Indian Patents and Designs Rules 1933, of such opposition

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta on due course. The price of each specification is Rs 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act

- 102816 Iccentia, Ekman & Brundin Camouflage equipment Accepted on 5th July 1968.
Comprises ribs in two groups supported on a shaft and extending outwardly and one camouflage element supported by said ribs
- 107364 P. Hirsch. Device for joining cables Accepted on 5th July 1968
Comprising one chamfered bolt part, ring part wedge surface, electrically conducting material.
107372. Amphenol Corporation. An electronic transfer switch Accepted on 5th July 1968
Comprising a first and second radio frequency input terminals, a first group and a second group of rectify means and circuit means connectable to a signal bias voltage source
- 107396 Fmc Corporation Herbicidal compositions Accepted on 8th July 1968.
Comprises a m— (carbamoyloxy) carbanilate as the active ingredient along with adjuvants and carrier normally employed for agricultural dispersion.
- 107452 Pullman Incorporated Improved process for the gaseous state synthesis of chemical compounds, and compounds so produced Accepted on 11th July 1968

- Comprises utilizing the same compressor to compress the fresh synthesis gas and the recycled effluent gas which are admixed thereby and withdrawing thus admixed and compressed gases at substantially the same pressure as the pressure of the reaction zone from the compressor and separating the product therefrom before passing the compressed gases to the reaction zone.
107455. Veb Photopapierwerk Dresden. Process for production of lightsensitive materials with a fabric backing. Accepted on 11th July 1968.
- Characterized in treating the fabric with an emulsion of a hydrophobizing agent and a hydrophilic substance and the material thus obtained is coated with a Ag-halide emulsion or like light sensitive material.
107460. General Electric Company. Multi-stage evaporating apparatus. Accepted on 11th July 1968.
- Comprising first deliver means, high pressure cooler, high pressure evaporator stage, second deliver means, low pressure cooler, evaporated stage, third deliver means, heat exchanger, liquid combining means.
107462. Gosudarstvenny nauchno-issledovatel'skiy i proektny Institut neftyznogo mashinostroyeniya "Gipronefte-mash". A tubular furnace for heating liquids and gases. Accepted on 11th July 1968.
- Characterised in that flat walls are in the form of metal box divided into chambers and ceramic panels provided with holes passing air separately from said chambers to form controllable zones of forming.
107474. Federal-Mogul Corporation. The method of forming a part from a ferrous material. Accepted on 12th July 1968.
- Heating the workpiece to a preselected temperature at which the strength of the material of the workpiece is substantially reduced from its strength at ambient temperature but below the critical temperature at which air hardening occurs.
107493. Kripa Nath Misra. Improvements in or relating to typewriters, teleprinters and like machines. Accepted on 15th July 1968.
- Comprises elliptically flattened type bodies corresponding key board having elliptical being tops which are thicker at one end.
107500. Porous Plastics Limited. (Improvements relating to porous plastics materials. (15th October 1965). Accepted on 15th July 1968.
- A solid removable filler is dispersed in the working material, the solvent used is removed by evaporation, the mixture is heated, the heated mixture is formed into a sheet material is leached.
107501. Imperial Chemical Industries Limited. Improvements in or relating to the treating and/or bonding to rubber of shaped articles of synthetic linear polyesters. Accepted on 15th July 1968.
- Reacting resorcinol with a bishydroxymethyl derivative of monohydroxybenzene.
107514. Westem Corporation Limited. Unitary hinge Accepted on 15th July 1968.
- Comprising two plate members pivotally joined together by a first flexible portion integral with them, a resilient member integral with one of the plate members, and a connecting arm integral with the other plate member and with a part of the resilient member remote from the said one plate member said arm having second and third spaced apart flexible portions.
107534. Mitsubishi Chemical Industries Limited. Soil treatment agents and fertilizer compositions for the control of soil nitrification. Accepted on 17th July 1968.
- Comprising at least one S-triazine derivative and a diluent or carrier for the soil nitrification inhibitor.
107538. Metallgesellschaft Aktiengesellschaft, and Linde Aktiengesellschaft. Process for purification of synthesis gases. Accepted on 11th July 1968.
- Characterised in that the crude gas is pre-cooled indirectly until beginning condensation of carbon dioxide and is then directly further cooled and washed with absorbent which is cooled in the regeneration state by expansion, whereby the absorbed carbon dioxide is evaporated.
107540. Beteiligungs-Und Patentverwaltungsgesellschaft Mit Beschränkter Haftung. Method for the automatic control and regulation of the basic oxygen process of ferrous metals. Accepted on 16th July 1968.
- Steel making by oxygen blowing process wherein the distance of blowing nozzle from the bath surface and flow of pressure oxygen are automatically adjusted by an electronic computer.
107567. Laporte Titanium Limited and American Potash and Chemical Corporation. Improvements in and relating to the manufacture of titanium dioxide. (19th October 1965). Accepted on 18th July 1968.
- Comprises separately pre-heating the titanium tetrachloride and the oxidising gas, supplying the pre-heated oxidising gas to a reaction chamber in such a way to form a circumferentially extending inlet; supplying the pre-heated titanium tetrachloride vapour to the said inlet through a distributing chamber surrounding and communicating with the said inlet.
107660. North American Rockwell Corporation. Seal device and vehicle brake actuator assembly incorporating the same. Accepted on 16th July 1968.
- Comprising an elastomeric annulus with a central hub having two lips and a flexible diaphragm terminating in outer rim, means clamping the rim to retainer of the elastomeric annulus, permitting flexure of diaphragm, and means on the retainer for mounting it upon a mechanism.
107670. Institut Elektrosvariki Imeni F. O. Patona. Electrode for welding low-carbon steels. Accepted on 11th July 1968.
- Characterised in that beside conventional components it contains unroasted magnesite and mica.
107687. M & T Chemicals Inc. Process of electroplating semibright nickel deposit and composition suitable for use in the same. Accepted on 16th July 1968.
- Electroplating semibright nickel deposit comprising passing current through an aqueous acidic nickel plating solution containing nickel compound and semibright additives like piperonal and water soluble acetylenic compound.
108040. Fiber Industries, Inc. Backwinding a supply beam. Accepted on 10th July 1968.
- Wherein the yarn ends are removed from the beam in the form of a sheet, separated and isolated at a point off the beam, thereby reducing faults and eliminating undesirable ringers of the supply beam.
108118. Hooker Chemical Corporation. Improved process for the controlled production of chlorine and caustic soda and chlor-alkali diaphragm cell for use therein. Accepted on 12th July 1968.
- Comprising decomposing voltage electrodes of a group of chlor-alkali diaphragm cells, brine solution, anolyte compartment, alkali metal chloride, hydrogen chloride.
108244. R. Venkatraju. Instrument for measuring area of regular or irregular pieces of leather. Accepted on 12th July 1968.

Comprises of a wooden table on which two insulated sheets containing active elements one for each unit area into which the sheets are identically divided, are fixed one above the other with a gap in between the two insulated sheets, and the lower-insulated sheets fitted with one part of the active elements, the unit resistances in series through the metallic strips and finally connected to a meter through a battery and a range selecting switch.

108314. Chronotechna, narodni podnik. Electrical contact timepiece. Accepted on 12th July 1968.

Comprising transistors, contact, base connected to first portions, electromagnet, second portion current source and coil.

108739. International Standard Electric Corporation. An automatic telephone exchange wherein automatic fee announcement for a call is provided for. Accepted on 4th July 1968.

Includes means for responding to a special signal from a calling subscriber a fee assessment device, transfer means, counting means, means responsive to calling subscriber.

108805 J. R. Geigy A. G. Process for the production of monoazo dyestuffs which are difficultly soluble in water. Accepted on 10th July 1968.

Diazonium compound of an amine like 1-amino-2, 4-dinitrobenzene is coupled with a coupling component like 1-[N-benzyl-N-(β-acetoxy ethyl)-amino]-2-methoxy-5-acetylaminobenzene.

108848. Sinclair Radionics Limited. Improvements in and relating to detectors for television receivers and television receivers comprising same. (14th January 1966). Accepted on 12th July 1968.

Comprising an oscillator and mixer circuit and a video amplifier connected to the oscillator and mixer circuit, for feeding its output to a display device, e.g. a cathode ray tube.

108866. The English Electric Company Limited. Improvements in polyphase protective relays. (26th January 1966). Accepted on 16th July 1968.

Comprising plurality of first transformer, coupled to separate phase first means for signal, second transformers, second means.

108870. Thomas Walker Limited. Improvements relating to hook fastening devices for garment material. Accepted on 12th July 1968.

Of the kind comprising a hook member carrying attachment prongs which are passed through the fabric material and clenched over against a separate back-plate positioned on the underside of the material.

108880. Maschinenfabrik Rieter A. G. Apparatus for detection of combustion particles in a pneumatic conveyor. (21st September 1966). Accepted on 16th July 1968.

Comprising a chamber connected to pneumatic conveyor and having a perforated wall, means for preventing entry of fibrous material, continuously movable filter means between said means and perforated wall and means on downstream side of filter means for detecting presence of combustion products.

108892. Chemical Construction Corporation. Methanol synthesis process. Accepted on 11th July 1968.

Comprises catalytically reacting hydrogen and Co at high pressure and temperature, heat exchanging, the hot gas mixture with a liquid underpressure, the methanol vapor thus cooled is condensed and separated and the liquid vapor is expanded through a mechanical power recovering means, the usable power is utilised to recompress the cold vapor to a liquid for recycling.

108960. R. R. Robinson. Intrauterine contraceptive device. Accepted on 12th July 1968.

Providing an U-shaped resilient loop with a bridge interconnecting the arms of the said loop and cooperating with novel folloplan tube engaging elements to provide additional zones of contact between the device and the uterus walls.

108977. The Dunlop Company Limited. Lock ring for detachable flange wheel. (27th January 1966). Accepted on 16th July 1968.

Provided with an outer peripheral surface having a pair of annular faces, one each side of the central plane of the ring and equally inclined to central plane and the profile of the ring being symmetrical.

109048. Kumardaubi Engineering Works Limited. Mobile crane units. Accepted on 18th July 1968.

Comprising means for hauling said unit, self propelled unit, detachable coupling, first means for swiveling, means for locking front axle unlocking means.

109133. Kaiser Aluminum & Chemical Corporation. Method and apparatus for melting metal. Accepted on 12th July 1968.

Comprising (a) providing a body of molten salt in a first chamber (b) cascading molten salt into a trough (c) introducing the metal in the trough (d) cascading salt and metal from trough into a second chamber (e) cascading both from second chamber into trough and first chamber and continuing movement until metal has melted and collecting molten metal below molten salt.

109289. Associated Engineering Limited. Hydraulic motor system. (18th February 1966). Accepted on 8th July 1968.

Wherein the hydraulic motor controlled from a source of hydraulic fluid supply through a hydraulic servo valve and including conduits to supply, to carry from and to allow fluid to be transferred to the motor from, the valve, wherein the system includes means to provide a calibrated flow from the fluid supply to the motor.

109292. Associated Engineering Limited. Numerical control systems for controlling the movements of mechanical parts. (18th February 1966). Accepted on 20th July 1968.

Comprising storage medium for storing blocks of data representing position, time and angular movement of parts, means for transferring the data from storage medium to a main store in control system, and means for acting upon the data in each block simultaneously at an instant determined by the time in preceding block of data.

109304. M. K. Mehta. Dispensing apparatus for encapsulating material in powdered or granular form (22nd February 1966). Accepted on 12th July 1968.

Of the type comprising a hopper and a rotary feed roll closing the mouth of the hopper and having openings in its periphery to receive material from the hopper and convey it to a discharge position wherein the feed has a sheet of elastic material covering each of the openings, a sleeve fitting closely over the feed roll and having apertures registering with the openings in the feed roll.

109387. J. Binns. Anti-backlash carriage feed mechanism. Accepted on 9th July 1968.

Comprising in combination, a machine bed including a toothed elongate rack fixed to the bed, a saddle movable along the bed in parallelism with the rack, a pair of rack-engaging pinions having teeth engaging.

109391. Sandoz Ltd. Monoazo dyes and a process for their production. Accepted on 12th July 1968.

Diazo compound of 1-amino-2-alkyl or alkoxy or phenyl-4-nitro-6-halobenzene is coupled with 1-[N, N-bis-(substituted)-amino]-benzene.

109442. M. S. Daswani. A process for carbonizing rayon. Accepted on 15th July 1968.

- Comprises heating rayon under substantially non-oxidising conditions to a temperature between 325°C and about 390°C; interrupting the heating step and flexing the rayon by mechanically or manually and continuing the heating to a temperature above 500°C.*
109484. The Dunlop Company Limited. Improvements in liferafts. Accepted on 18th July 1968.
- Comprising a water proof canopy water lightly secured to liferaft, closure portion, stretchable edge.*
109552. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of branched polyethylene of high molecular weight. Accepted on 12th July 1968.
- Wherein ethylene is copolymerised with butene- (1) in a hydrocarbon as dispersing agent in the presence of a ziegler mixed catalyst.*
109619. Tri-Wall Containers, Inc. A fire-retardant composition and a process for flameproofing a cellulosic material, and a fire resistant paper board containing said composition. Accepted on 12th July 1968.
- Comprising a conventional intumescent agent and a binder which contains a major portion of hydrocarbon wax.*
109726. Farbenfabriken Bayer Aktiengesellschaft. Production of 7-v-triazolyl-(2)-Coumarin compounds and process of brightening synthetic high molecular or cellulosic materials and articles therewith. Accepted on 15th July 1968.
- Condensing a 7-hydrazino-coumarin derivative with an α -oximino-ketone and converting the resultant α -oximino hydrazone into the 7-v-triazolyl-(2) coumarin compound.*
109836. Aktiebolaget Bofors. Sea-mine. Accepted on 16th July 1968.
- Characterised in that the container has a wing shaped form.*
109917. Transselektro Magyar Villamossagi Kulkereskedelmi Vallalat. Continuous electric magnitude variable induction control device. Accepted on 18th July 1968.
- Comprising control device, variable induction, a pair of iron cores, one field winding on each of the said iron.*
109942. Hooker Chemical Corporation. An electrolytic cell and a method for assembling the same. Accepted on 9th July 1968.
- Comprising inert material reinforced with means having connected thereto a contact means positioned to electrically contact alignment means on the cathode.*
109943. Hooker Chemical Corporation. Support system for electrolytic cells. Accepted on 16th July 1968.
- A three point support system for adequately supporting the entire bottoms of heavy electrolytic cells including corners thereof.*
109945. Sumitomo Chemical Company Ltd. Urea synthesis method. Accepted on 15th July 1968.
- Comprising reacting ammonia and carbon dioxide introduced to the first reaction zone kept 140-400 kg/cm² and at 160°-230°C and then to the second zone which is maintained at the same or slightly lower pressure.*
110199. Gosudarstvennyy institut po proektirovaniyu predpriyatiy tsvetnoi metallurgii. Device for charging shaft furnace. Accepted on 18th July 1968.
- Comprising several stock bins with vibrating feeders proportioning hoppers and reversing conveyors all designed to feed the charge to the loading pockets of each furnace, stock bins are installed at higher than the charging platform.*
110220. Glanzstoff A. G. Process for the production of a brushable polyurethane gel. (19th December 1966). Accepted on 12th July 1968.
- Adding ammonium nitrate to polyurethane solution to precipitate same in gel form and removing liquid phase by evaporation.*
110319. M & T Chemicals Inc. Novel process for electroplating a bright protective chromium plate. Accepted on 12th July 1968.
- Comprising maintaining a chromium plating bath containing chromic acid and catalyst including fluoride and sulfate, maintaining an anode in said bath, passing through, passing through said bath a continuous strip of metal as cathode.*
110374. Österreichische Stickstoffwerke Aktiengesellschaft. Process for the separation and recovery of ammonia and carbon dioxide from an ammoniacal ammonium carbonate solution. Accepted on 12th July 1968.
- Comprises removing the bulk of free ammonia from the solution at atmospheric pressure in a stripping column, passing the solution containing ammonium carbonate and residual amounts of free ammonia from the sump to the head of a second column and removing bulk of CO₂ by fractional distillation with heating.*
110378. Isentralny Nauchno-Issledovatel'skiy Institut Chernoi Metallurgii Imeni I. P. Bardina. Method of producing refined ferrochromium. Accepted on 9th July 1968.
- Characterized in that the liquid silicochromium for reduction is taken in an amount sufficient to ensure complete reduction of the oxides of chromium and iron in the ore-Ilme melt.*
110404. Dorr-Oliver Incorporated. Apparatus for feeding waste organic material to a combustion chamber. Accepted on 11th July 1968.
- Characterized in that said screw or rotor is further provided with a retractable hollow shaft coaxial therewith and terminating in a de watering screen at the discharge end of said casing for receiving liquid forced out of said organic material during said compressive feeding.*
110566. Fosco International Limited. Production of metal ingots, slabs and billets. (9th May 1966). Accepted on 15th July 1968.
- Comprising introducing into the mould a mould additive comprising a volatilisable substance, which will on heating cause a deposit of the substance and/or its decomposition products on the walls of the mould, and an exothermic composition to cause volatilisation of the volatilisable substance and restricting access of oxygen to the interior of the mould.*
110597. Carey Cushion Vehicle Corp. Ground effect machine. (1st June 1966). Accepted on 15th July 1968.
- Having a lift engine and propeller assembly mounted within a tubular duct, a deflection plate below it, a suitable thrust engine and propeller assembly, skirt raiser means, a cockpit and control means proximate the cockpit.*
110768. Ciba Limited. Process for rendering cellulosic fibers flame resistant. Accepted on 12th July 1968.
- Treating the material with an aqueous solution containing at least one phosphorus compound having one or more than one carboxylic and methylol amide group.*
110788. Siemens Aktiengesellschaft. Improvements in or relating to rack and tray assemblies for electrical equipment. (1st February 1967). Accepted on 18th July 1968.
- Comprising a plug in connector which connects each tray to an external system, a contact socket connector and plug connector.*
110795. The Electric Furnace Company. Furnace heating control. Accepted on 11th July 1968.

Characterised by a strip temperature sensor, a plurality of zone temperature sensors, a master controller connected to the strip temperature sensor to generate a master signal, a plurality of zone limiting controller each connected to a zone temperature sensor generating a zone output signal and actuating means for sequentially comparing the master signal and the respective zone output signals and in response thereto varying the heat-input rate by causing successive zones to come into or out of service.

110979. T. M. M. (Research Limited). Improvements in or relating to card clothing for textile carding machines. (22nd June 1966). Accepted on 12th July 1968.

Said wire being formed with a single row of teeth there along and the width of the wire being such that when it is wound round the cylinder or doffer a clothing is produced having at least 35 wires/inch.

- 111625 Madras State Industrial Development Corporation Ltd. An improved noduliser for producing nodules or pellets from, *inter alia*, moist powdered matter Accepted on 18th July 1968.

Characterized in that it consists of a rotatable pan adapted to receive the moist powdered matter and further adapted during rotation to move said matter in circular directions thereby subjecting said matter to a "snow-balling" effect and causing it to agglomerate into nodules.

- 111626 Madras State Industrial Development Corporation Ltd. An improved shaft kiln. Accepted on 18th July 1968.

Characterized in that the discharge end comprising a rotation column provided with a conical head said conical head being disposed just within the shaft such that the burnt elements of the shaft are capable of being uniformly and continuously discharged into a chute, the chute comprising at least two chambers adapted to receive the burnt contents of the shaft and discharge the said contents upon the chambers opening out at intervals.

111644. Ciba Limited. Pesticidal preparations containing vinylphosphates. Accepted on 17th July 1968.

Comprising vinylphosphate and a carrier.

111815. Tarakeswar Chakrabarty. Improvements in or relating to cupola furnaces. Accepted on 11th July 1968.

Comprising a first annular chamber of air and a second annular wind chamber around the periphery of said main shell covering the entire zone between main taveres and melting zone of the furnace.

111832. Union Carbide Canada Limited. Simultaneous re-fining of zinc and manganese dioxide. (22nd October 1966) Accepted on 18th July 1968.

Comprising charging an aqueous solution of manganese sulphate and zinc sulphate in concentrations sufficient to limit concentration polarisation, the anode being selected from the group consisting of graphite, lead and titanium, heating the contents of the cell between 75°C to 100°C when the anode is graphite and lead or alternatively heating between 90°C and 100°C when the anode is titanium.

111902. Palitex Project-Company G.m.b.H. Two-for-one twisting machine. Accepted on 12th July 1968.

Characterised in that an endless conveyor capable of being driven at different speeds and is equipped with mandrels for the supply of delivery bobbins and if applicable for the removal of winding bobbins.

111941. The Dow Chemical Company. Wet spinning of acrylonitrile polymer fibers. Accepted on 15th July 1968.

Characterized in that the coagulating bath is maintained at a temperature (T) between 20 to 50°C and salt concn. (S) of 15 to 35% [Quantitative relation between (T) and (S) is expressed by a graphic plot.]

112050. Arimou Agricultural Chemical Company. Recovery of phosphate material from phosphate rock. Accepted on 15th July 1968.

Introducing phosphate rock, nitric acid, ammonium bisulphate into digestion zone and separating insoluble calcium sulphate.

112090. Texaco Development Corporation. Process for the partial combustion of gaseous or liquid hydrocarbons. Accepted on 15th July 1968.

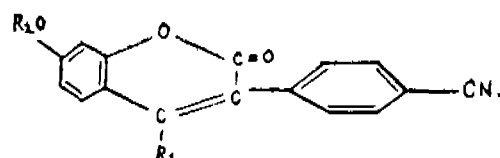
Comprises subjecting a hydrocarbon fuel to partial oxidation introducing the product gas into a cooling zone and maintaining the internal pressure at superatmospheric pressure, the external pressure is atmospheric.

112197. Imperial Chemical Industries Limited. Polymer compositions containing electrically conductive materials. (23rd September 1966). [Addition to No. 111332]. Accepted on 15th July 1968.

Composition containing atleast one part of copper or nickel coated glass fibres per 100 parts of polymer.

112290. Hickson & Welch Limited. Optical whitening agents. (21st September 1966). Accepted on 9th July 1968.

Comprises applying to textile materials a compound of formula



112382. A. C. K. Krishnaswami and C. Hariprasad. Improvements in or relating to fermentation of tea leaves. Accepted on 16th July 1968.

Comprising a rotatably mounted drum having an inlet end and a discharge end, one or more spiralling members provided within the drum and attached to the inner wall of drum, means to introduce a steady and controlled current of air of required humidity and temperature into the drum and throughout the length thereof; balls contained the drum and means to rotate the drum.

112665. Ceskoslovenska Akademie Ved. A pressure-free process for the manufacture of thin-walled articles from plastics, particularly of taper sleeves for joined glassware from sintered fluorinated polyethylenes. Accepted on 12th July 1968.

Forming a silver mirror on the inner wall of the mould by depping of an aqueous dispersion of the plastic to the silver mirror, drying of the coating, sintering the predried coating at 355-360°C.

- 112786 M & T Chemicals Inc. Process for producing coating on aluminium and aluminium alloy. Accepted on 15th July 1968.

An admixture for preparation of a coating solution for coating aluminium or alloys comprising chromic acid 2-12 parts, phosphate ion-6-6 parts, Fluoride ion-6-8 parts, Borate-5-50 parts

112815. V. C. P. Kittu. Improvements in or relating to centrifugal pump systems, more particularly, open deep well centrifugal pump systems and the like. Accepted on 9th July 1968.

Air-outlet is connected to the delivery pipe by means of a tube or conduit such that the outlet communicates with the delivery pipe.

112857. Forsvarets Fabriksveik. Blow-out disc for recoilless weapons. Accepted on 12th July 1968.

Characterized in that the disc being comparatively thin and consisting of a ductile metal or metal alloy, suitably an aluminium alloy, is provided with a member of substantially radially directed weakening or indications of fracture between the fins.

112965 N. Bhandari. Process for manufacturing card board slates. Accepted on 22nd July 1968

Comprising soaking a required size of card board in pure linseed oil, compressing the card board, allowing it to cool till room temperature, applying linseed oil mixed with drier to the compressed card board, sprinkling powder consisting of emery stone marble stone and coloured agent over the layer of linseed oil and drier, sliding roller means over the powder layer so as to adhere the powder over the card board, allowing it to dry at room temperature.

114037. N. V. Philips Gloeilampenfabrieken. Hermetically sealed spark gap. Accepted on 12th July 1968.

Characterised in that the electrodes of the spark gap are fixed at a minimum distance of less than 150 microns the diameter of the electrode surface being atleast 30 times said distance.

114590. J. J. Rautenbach. Pressure burner Accepted on 18th July 1968.

Comprising walls defining fuel chamber, atleast one of the walls being deformable, resilient spring means arranged to exert pressure on liquid fuel in the chamber, and adjustable varying means to vary the pressure exerted by the spring.

115786. Aerpat A. G. Improvements in blind hole anchor nut fastener device. (13th May 1966). [Addition to No. 108269]. [Divisional date 30th November 1966]. Accepted on 12th July 1968.

Tapered part of the nut is formed with external longitudinal grooves, thereby to resist relative rotation between the nut portion and the body portion after the nut portion has been forced into body portion.

Correction of Clerical Error

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification of patent application No. 101436 was corrected on 28th June 1968.

Patents Sealed

102129. 102479. 102560. 102587. 102684. 102728. 103429.
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Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that the Goodyear Tire and Rubber Company, Manufacturers, a corporation organised under the laws of the State of Ohio, United States of America, having their principal place of business at Akron, Ohio, and a post office address at 1144 East Market Street, Akron, Ohio, U.S.A. seek leave to amend the claims in the specification in respect of the patent application No. 102984. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free

of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

80320 —M s. Jeewanlal (1929) Limited.
82072 —M/s. Standard International Corporation.
84567 —Sri C. P. Mallaiah.
89641 —Rotavol Establishment.
57641 } —M/s. Anemostat Products Division of Dynamics
57642 } Corporation of America.
101503 }

Renewal Fees Paid

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Cessation of Patents

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Registration of Designs*Name & Application Nos.*

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 133139 to 133144, 133146, 133148 to 133159 and 133162 to 133168 Hindustan Embroidery Mills Private Limited, Chheharta (Amritsar) Punjab, India Nationality: Indian firm, "Textile goods", February 17, 1968.

Copyright Extended for a Second Period of Five Years

Design Nos. 116719 and 116838 Class—1.

Design Nos. 118843 and 119619 Class—3.

Design No. 117615 Class—5.

Copyright Extended for a Third Period of Five Years

Design Nos. 96356 and 96357 Class—1.

Design No. 95605 Class—3.

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